

BAB 5

KESIMPULAN DAN SARAN

5.1. Kesimpulan

1. Partikel kalsium karbonat dengan larutan pati berhasil disintesa dengan morfologi bola (vaterite).
2. Morfologi bola juga berhasil disintesa pada komposisi perbandingan surfaktan PF127:FC-4 = 1:3.
3. Profil pelepasan kurkumin dari partikel CaCO_3 memenuhi persamaan model 1st order yang menyatakan pori yang homogen pada partikel CaCO_3 .

5.2. Saran

1. Perlu adanya analisa N_2 sorption dan XRD untuk karakterisasi lebih lanjut.

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